



# Correction to: Shallowness of tropical low clouds as a predictor of climate models' response to warming

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**Correction to: Clim Dyn (2016) 47:433–449**  
<https://doi.org/10.1007/s00382-015-2846-0>

Several mistakes occur in the original article that need to be notified.

In Table 1, the shallowness index ( $\gamma$ ) for the HadGEM2-ES model should be  $44 \pm 3$ , instead of  $4 \pm 3$ .

In Fig. 4a, the x-axis should start with the value 0 instead of  $-20$ .

The convective drying index ( $\epsilon_c$ ) is a dimensionless quantity (ratio). However, an percent unit (%) was wrongly associated with  $\epsilon_c$  in Figure 7 and Table 3.

Finally, the signs of  $\epsilon_c$  in Table 3 are wrong. However, their values in Figure 7 remain exact. The updated table is available on page 2.

These corrections do not change the conclusions of the paper.

Model acronym	$\gamma$ (%)	$\epsilon_c$ (-)	$K_{mp}$ ( $m^2 s^{-1}$ )	SHF, LHF, B ( $W m^{-2}$ )
MIROC5	4	42	0.6	8.4
		2.0	0.00	-0.18
MRI-CGCM3	11	34	1.0	8.5
		-0.6	-0.02	0.20

Model acronym	$\gamma$ (%)	$\epsilon_c$ (-)	$K_{mp}$ ( $m^2 s^{-1}$ )	SHF, LHF, B ( $W m^{-2}$ )
MPI-ESM-LR	15	70	2.1	6.4
		-1.9	-0.05	0.16
HadGEM2-ES	17	46	0.7	8.1
		1.1	0.02	-0.18
IPSL-CM5A-LR	21	65	2.3	5.8
		-2.8	0.00	0.28
IPSLA-SCM	69	3.1	3.9	3.2
		-4.2	0.40	0.10
IPSLA-SCM (no cv)	40	0.0	3.2	3.2
		1.1	0.00	-0.02

Table: Corrected Table 3 with updated  $\epsilon_c$  values.

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The original article can be found online at <https://doi.org/10.1007/s00382-015-2846-0>.

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